

## ABSTRACT

A preprocessing apparatus includes a voice input apparatus 2 for acquiring uttered voice; an analog-digital conversion apparatus 3 for converting the uttered voice acquired by the voice input apparatus 2 to digital voice data; a comparator 4 for selecting voice data having a level which is equal to or higher than a certain level, from the digital voice data output from the analog-digital conversion apparatus 3 and outputting the voice data thus selected; a voice data cutout apparatus 11 capable of cutting out voice data having a level which is equal to or higher than a certain level output from the comparator 4, while taking a phoneme as unit; and a voice data output apparatus 10 for outputting voice data of phoneme unit output from the voice data cutout apparatus 11.